

PATENT ABSTRACTS OF JAPAN

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(71)Applicant : CANON INC

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(54) TONER FOR ELECTROPHOTOGRAPHY

(57)Abstract:

PURPOSE: To obtain a dry type toner for electrophotography which has excellent low temp. fixability, shelf life, etc. and is suitable for a heat roll fixing system which does not involve coating of oil by using a mixture composed of specific non-linear polyester and linear polyester as a binder resin.

CONSTITUTION: (A) 50W95wt% non-linear polyester obtd. by bringing a mixture composed of etherified diphenol having $\geq 50\%$ propoxy group, dibasic arom. carboxylic acid and tribasic or higher basic arom. dicarboxylic acid as well as alkyl-substd. dicarboxylic acid and (or) alkyl-substd. diol into reaction and (B) 50W5wt% linear polyester obtd. by bringing propoxylated bisphenol and dibasic carboxylic acid (e.g.; fumaric acid) into reaction are mixed. Such mixture is used as a binder resin and is mixed with a coloring agent, magnetic material, etc. by which the toner for electrophotography is obtd.

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